

# Office of Warfighting Integration and Chief Information Officer

## SAF/CIO A6



## *Mission Brief*



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# ***AF Mission***

A large, faded background image depicting the Air Force mission. It features a central globe with various aircraft flying around it, including a fighter jet, a bomber, and a transport plane. In the foreground, there are silhouettes of people, possibly in a control room or on a tarmac, looking towards the globe. The overall theme is global reach and operational readiness.

**“The mission of the United States Air Force is to  
*fly, fight and win...*in air, space and cyberspace.”**

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***Integrity - Service - Excellence***



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# ***The Priorities Are Clear***

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- **Continue to Strengthen the Air Force Nuclear Enterprise**
- **Partner with Joint and Coalition Team to Win Today's Fight**
- **Develop and Care for Airmen and Their Families**
- **Modernize Our Air and Space Inventories, Organizations & Training**
- **Recapture Acquisition Excellence**



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# ***SECAF/CSAF Guidance***

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- **Strong and centralized approach to network management**
  - **Lead role in enterprise-level network architectures**
  - **Overall network security policy**
  - **Develop AF network operational metrics**
- **Collaborate with Joint partners towards integrated capabilities-focused enterprise**
- **Produce needed capabilities at reasonable cost**
  - **Work with CMO to rapidly field business systems and management tools**
  - **Eliminate connectivity seams and disconnects**
- **Interface with AFSPC as we stand up 24<sup>th</sup> AF**



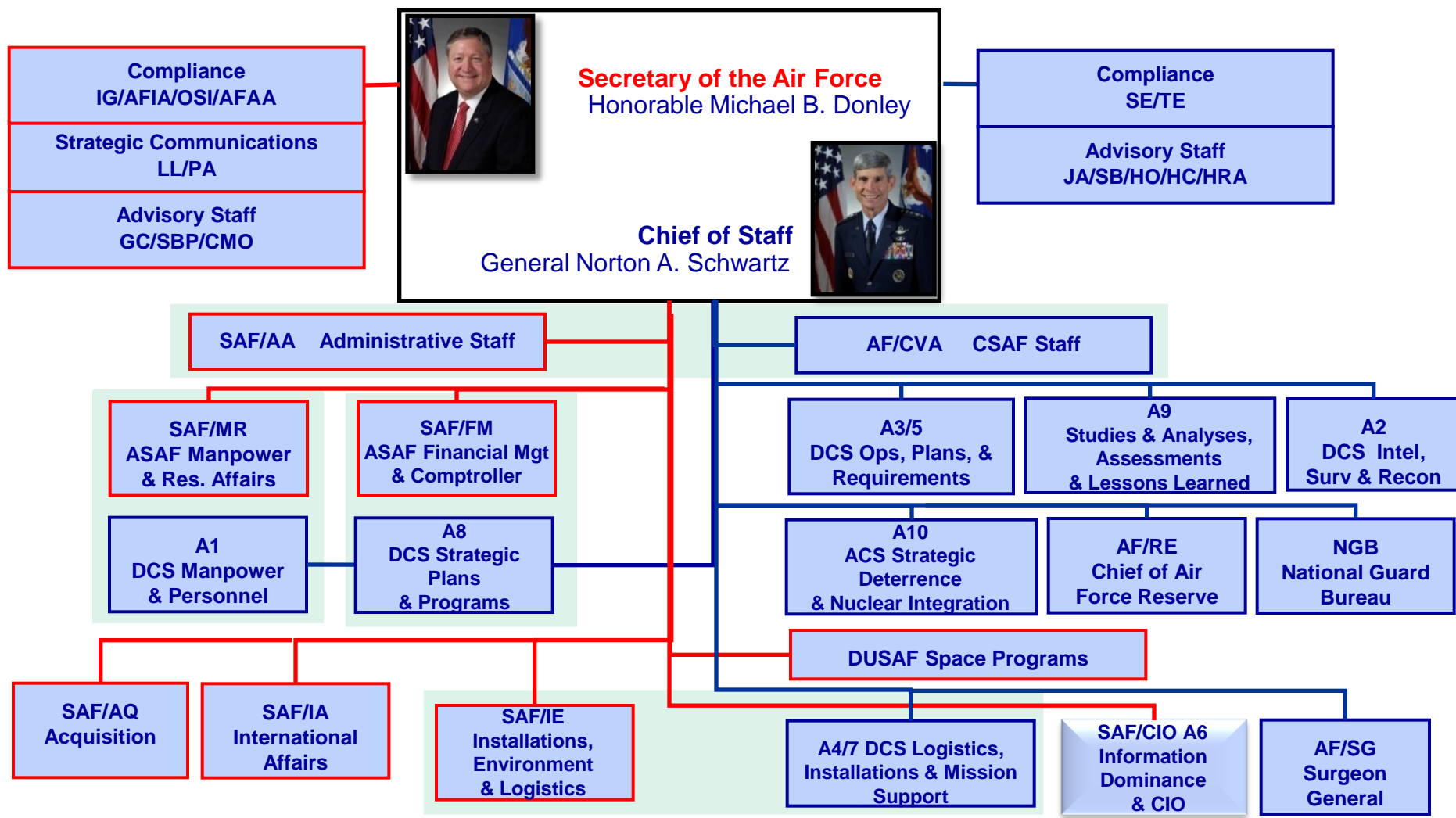
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# HAF Organization



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SAF

CSAF

Team



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# ***SAF/CIO A6 Organization***

**Director of Staff – A6S**  
**Director: Ms. Zamora**

**Chief of Warfighting Integration**  
**Chief Information Officer**  
**Lt Gen Lord**



**Deputy Chief of Warfighting Integration**  
**Deputy Chief Information Officer**  
**Mr. McMillin**



**Chief Technology Officer**  
**Mr. Konieczny**

**Security Information**  
**Assurance Officer (SIAO)**

**Warfighter Systems**  
**Integration**  
**A6W**

**Acting Director: Mr. Burns**

**Policy and**  
**Resources**  
**A6P**

**Director: Mr. Smart**

**Cyberspace Operations**  
**A6O**

**Director: Maj Gen Capasso**

**AFAMS**

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**Directorate**

**FOA**



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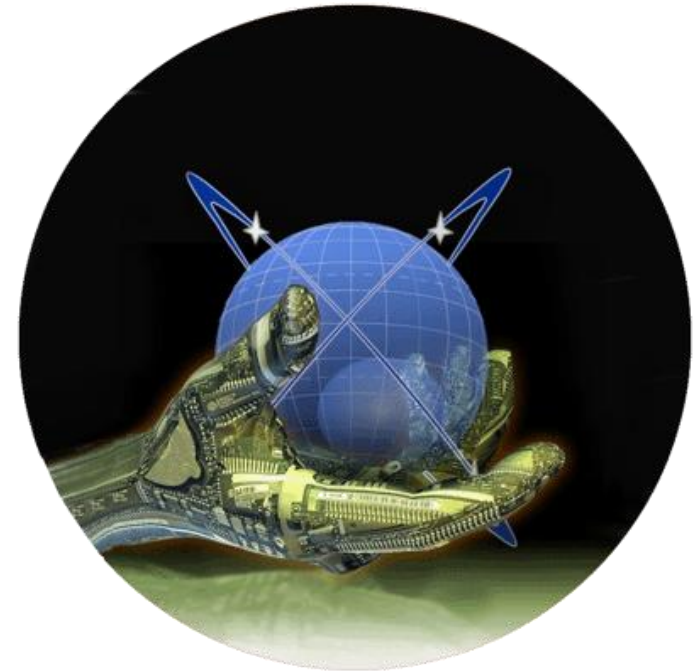
# ***SAF/CIO A6 Vision and Mission***

## **■ Vision**

- Enduring Information Superiority for Joint Warfighter Supremacy**

## **■ Mission**

- To integrate AF, Air, Space, and Cyberspace information and systems into the joint fight. We do this by directing policy and advocating for resources to provide secure, reliable, and timely information to the Joint Warfighter.**







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# ***Our Shared Goal***

- **Mission assurance by providing joint force commanders network enabled operational capability to...**
  - **See with clarity**
  - **Navigate with accuracy**
  - **Communicate with certainty**
  - **Strike with precision**
  - **Network with assurance**



***Improve Capabilities, Flexibility & Robustness of Forces Across the Domain***





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# Goals

Actionable Goal	Focus Area
1. Improve network security and reliability while reducing costs by implementing an AF Network governance structure based on an enforceable architecture	Enterprise Architecture; Implement a Predictable, Secure Infrastructure
2. Improve security and performance of network components by aligning AF network operations and defense C2 capability to the Joint network command structure	Implement a Predictable, Secure Infrastructure
3. Integrate C2 across all AF Service core Functions	Map a Realistic Migration Path (includes Take Control of AF Data);
4. Improve the resourcing framework for the AF C&I Systems portfolio	Map a Realistic Migration Path (includes Take Control of AF Data);
5. Evolve C&I Workforce for the cyber future	Workforce Transformation
6. Establish a persistent and cost effective live, virtual, constructive (LVC) enterprise environment that supports concept development, acquisition and testing, and composite mission training and rehearsal	Modeling and Simulation
7. Develop a comprehensive plan to establish and assess relationships with key stakeholders and customers of SAF/A6	Key Stakeholder Relationships
8. Identify how and where SAF/A6 can best enable joint warfighter integration	Key Stakeholder Relationships

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# **SAF/CIO A6 Roles**

**CIO**

- Compliance Process for Clinger-Cohen Cert (Title 40)
- Develop/Maintain/Facilitate:
  - Enterprise Architecture
  - Technical Standards
- Perform IT Governance
- Assessment of Workforce and Systems
- Manage Enterprise-wide IT Policy
- Ensure IT/NSS systems comply w/USG, DoD and AF Standards
- \* Business Systems Integration (TIPT) and Architecture
- \* Process Improvement to Outreach Teams

\* Transitioned to CMO

## **Warfighting Integration**

- Integrate information power across all Service Core Functions
- Horizontally Integrated Capability Portfolio Management
- Employ Governance to Synchronize AF and Joint Warfighter Networking Capabilities
- Establish Live-Virtual-Constructive Enterprise to Support Warfighter Capability Integration, Mission Training and Rehearsal

**A6**

- Develop and Implement C& I Policy
- Resource Advocacy (Air Staff ) of C&I Programs
- Force Development of Cyberspace (C&I) Workforce
- \*\* Comm/Infrastructure Program Requirements and Command Lead
- \*\* Compliance Process (Execution)
- \*\* Detailed Comm Infrastructure Architecture
- \*\* Frequency Management

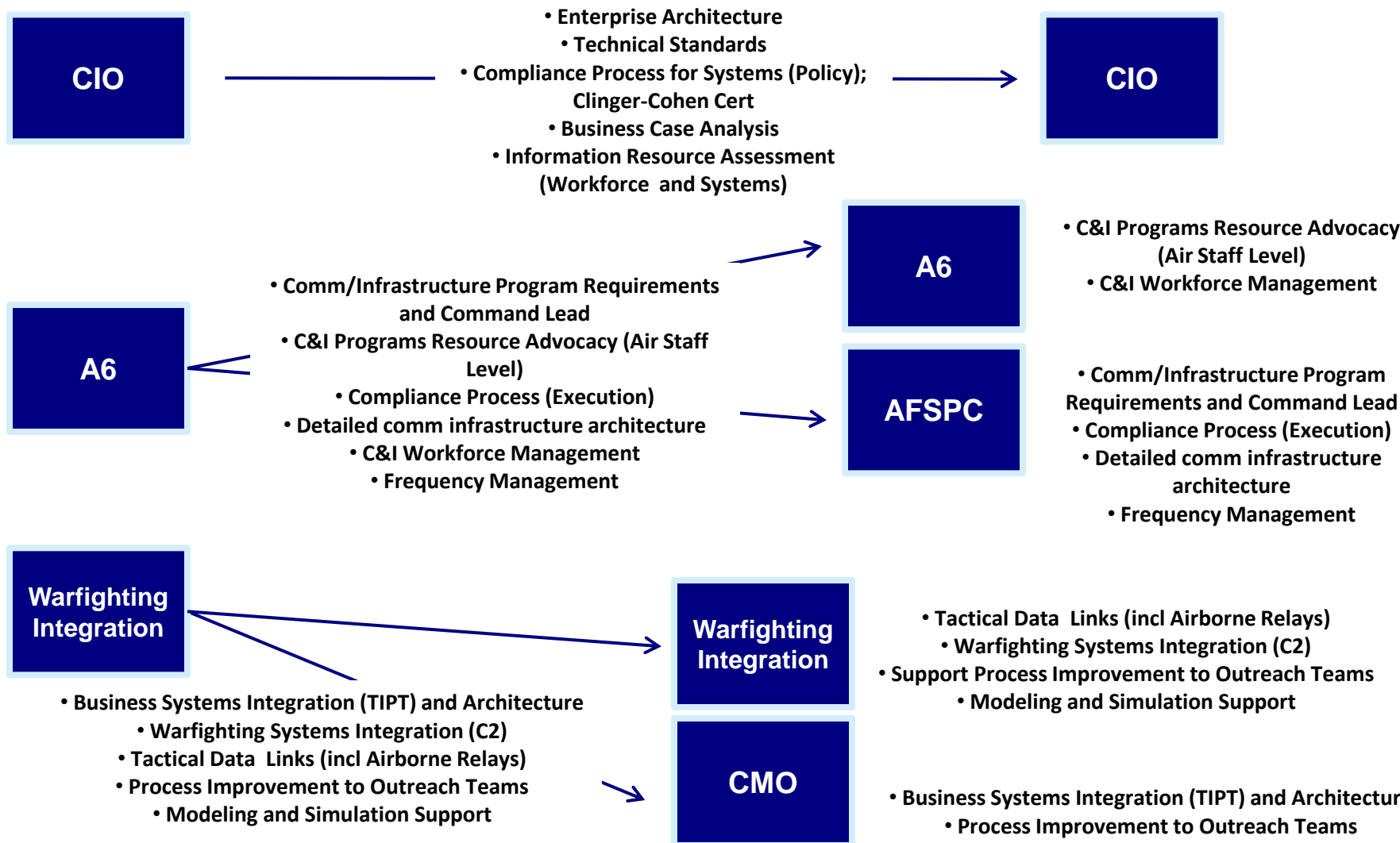
\*\* Transitioned to AFSPC

***I n t e g r i t y - S e r v i c e - E x c e l l e n c e***



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# Role Analysis





- **Interoperability of Aerial Layer Network (ALN)**
    - **Future Airborne Capability Environment (FACE) Architecture**
    - **Universal Networking Interface (UNI) / Airborne Networking GIG Interface (ANGI)**
    - **Multi-Functional Advanced Data Link (MADL) / Link-16 / Tactical Targeting Network Technology (TTNT) / Joint Tactical Radio System (JTRS)**
  - **Senior Leader Communications Systems**
    - **Secure-Video Teleconference / Defense Info Switched Network (DISN) / Defense Red Switch Network (DRSN) / Go-Go Wi-Fi access**
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# ***View of the Future***



***Integrated air, space, and cyberspace capabilities***



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# ***Key Organizations***

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## **■ A6A – Air Traffic Services**

- ***Responsible for DoD's lead role in the Joint Planning and Development Office (JPDO), which oversees the vision called the Next Generation Air Traffic System (NextGen), i.e. what the National Airspace System (NAS) may look by the year 2025.***

## **■ A6O – Cyberspace Operations**

- ***Responsible for overseeing the execution of SAF/A6 deliverables/initiatives to include: Enterprise Network Management, enterprise application hosting, enterprise storage and computing; stop the duplication of capabilities in infrastructure. Shape doctrines, strategy, and policy for communications and information activities and serves as the functional advocate for 30,000 personnel. Contingency planning branch, postal operations, force development lead for 17D, 3D and civilian career fields.***



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# **Key Organizations**

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## **■ A6P – Policy and Resources**

- *Leads capital planning and investments for information technology and national security systems. It also provides policy and governance oversight for Air Force information technology and national security system development and fielding. Finally, it develops, applies, and leads the Air Force's Enterprise Architecture effort as a tool for strategic planning and investment.*

## **■ A6W – Warfighter Systems Integration**

- *Leads initiatives in fulfilling SECAF and CSAF's vision of an integrated, capability-focused enterprise, with the common goal of serving the Warfighter's needs and eliminates the information seams dividing today's capabilities. Leads strategy requirements integration.*

## **■ A6S – Director of Staff**

- *Manages the administrative, contracting, personnel, and training needs of SAF/A6.*

## **■ A6-CAG – CIO Action Group**

- *Develop & deliver clear, tailored messages to a broad range of audiences that reflect SAF/CIO A6 values, vision and guidance.*

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# **Key Organizations**

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## **■ A6G – Air National Guard (ANG) Advisor**

- *Responsible for advising the CIO A6 staff on wartime and peacetime operational capabilities of the National Guard. Informs the senior staff on ANG unique missions, equipment, manpower, statutes, and how they affect the execution of Air Force policies, programs, processes and procedures. Provide Total Force perspective in the development of Cyber capabilities. Promotes close communications and coordination between SAF/ CIO A6.*

## **■ A6H – Air Force Reserves (AFR) Advisor**

- *Principal advisor to SAF/CIO A6 on all AFR matters. Interprets and provides guidance on policies/programs effecting AFR resources. Indirectly supervises Individual Mobilization Augmentees (IMA) assigned to SAF/CIO A6 and associated Forward Operating Agencies (FOA). Ensures that Reserve Component-unique requirements are fully vetted and considered during AF strategic planning and policy development. Provide Total Force perspective in the development of Cyber capabilities.*



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## ***In Summary...what we do***

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- **CIO functions**
- **Warfighting Integration**
- **Lead initiatives to fulfill SECAF and CSAF's vision of an integrated, capability-focused joint information enterprise**
- **Provide policy and governance oversight for Air Force Information Technology**
- **Oversee IT capital planning and investments**
- **Shape doctrine and strategy for Comm and Info activities**
- **Functional Authority for 30,000+ Cyberspace (C&I) personnel**
- **Key partner in establishing Cyberspace domain**

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# Questions

